

## University of Groningen

### Brilliant camouflage

Wilts, Bodo D.; Michielsen, Kristel; Kuipers, Jeroen; Raedt, Hans De; Stavenga, Doekele G.

*Published in:*  
Proceedings of the Royal Society of London. Series B, Biological Sciences

*DOI:*  
[10.1098/rspb.2011.2651](https://doi.org/10.1098/rspb.2011.2651)

**IMPORTANT NOTE: You are advised to consult the publisher's version (publisher's PDF) if you wish to cite from it. Please check the document version below.**

*Document Version*  
Publisher's PDF, also known as Version of record

*Publication date:*  
2012

[Link to publication in University of Groningen/UMCG research database](#)

*Citation for published version (APA):*

Wilts, B. D., Michielsen, K., Kuipers, J., Raedt, H. D., & Stavenga, D. G. (2012). Brilliant camouflage: photonic crystals in the diamond weevil, *Entimus imperialis*. *Proceedings of the Royal Society of London. Series B, Biological Sciences*, 279(1738), 2524-2530. <https://doi.org/10.1098/rspb.2011.2651>

#### Copyright

Other than for strictly personal use, it is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), unless the work is under an open content license (like Creative Commons).

The publication may also be distributed here under the terms of Article 25fa of the Dutch Copyright Act, indicated by the "Taverne" license. More information can be found on the University of Groningen website: <https://www.rug.nl/library/open-access/self-archiving-pure/taverne-amendment>.

#### Take-down policy

If you believe that this document breaches copyright please contact us providing details, and we will remove access to the work immediately and investigate your claim.

*Downloaded from the University of Groningen/UMCG research database (Pure): <http://www.rug.nl/research/portal>. For technical reasons the number of authors shown on this cover page is limited to 10 maximum.*

## Electronic supplementary material

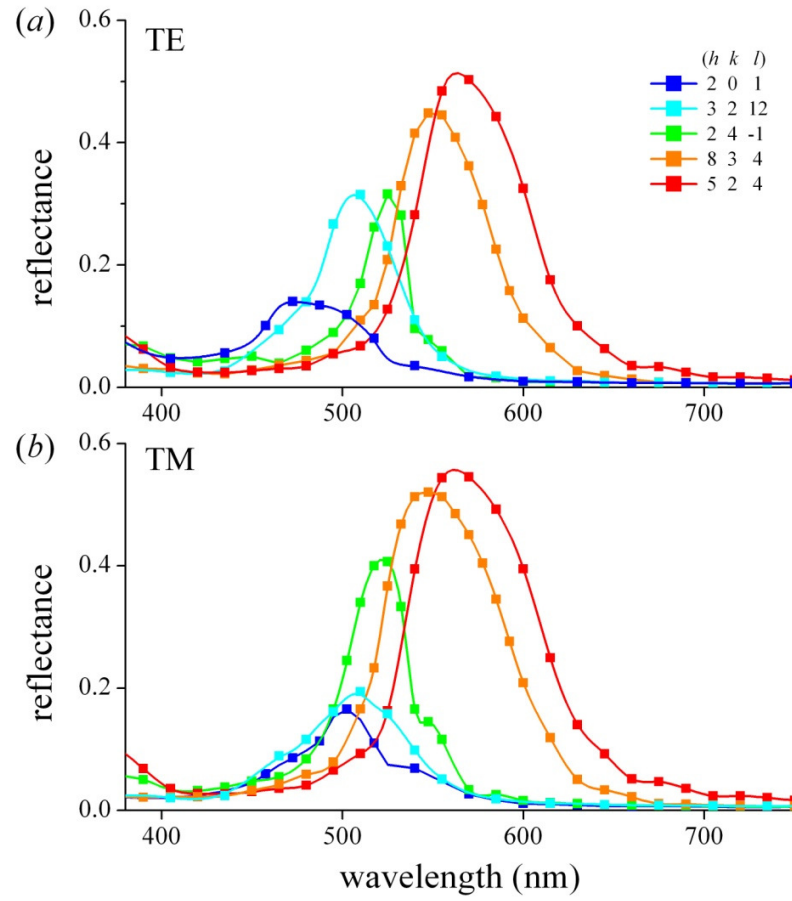


Figure S1. Reflectance spectra calculated with FDTD for a diamond-type photonic crystal with orientation denoted by the Miller indices  $(h k l)$  when exposed to normal incident (a) TE- and (b) TM-polarized light. The lattice constant of the single diamond-type crystal was set to  $a = 445$  nm.